

IN THE CLAIMS:

1. (Currently Amended) A system for monitoring and configuring a material application system of the type that uses different material application from various hardware components including an application device such as a gun and a material delivery device such as a pump, the system comprising:

a user input device remotely located from a manufacturer's manufacturing site for the system, the manufacturer's site being a site from which material application components including guns and pumps for a material application system may be ordered, purchased or manufactured;

one or more customer sites each having at least one respective material application system thereat, said customer site being remotely located from said manufacturer's site;

a manufacturer's database that is a configuration program accessible by said user input device over a communication network; a customer specific database that is accessible by said user input device over said network; wherein manufacturer system users at said manufacturer's site and customer system users at said customer's site have access to said customer specific database; said customer specific database comprising information relating to said material applications systems at said customer sites;

a configurator module accessible by said user input device via said network;

said configuration program configurator module presenting a menu of material application system hardware component selection options based on input data from said user input device; said input data comprising material application system criteria and at least a choice of first and second guns and first and second pumps; said configuration program configurator module verifying hardware component compatibility to configure a valid material application system from said selected gun and pump material application hardware components;

an application monitor module that receive operating data from a material application system at a customer site and that is accessible over said network; and a remote access module that allows a system user to access said operating data.

2. (Original) The system of claim 1 wherein said input device comprises a personal computer and said network comprises an Internet connection.

3. (Currently Amended) The system of claim 1 wherein said ~~configuration program~~ configurator module accesses a pricing and inventory database.

4. (Original) The system of claim 1 wherein said Internet connection comprises a secure Web site.

5-11. Cancelled.

12. (Currently Amended) The apparatus of claim 1 wherein said ~~configuration program~~ configurator module operates from a server connected to the communication network.

13. (Original) The apparatus of claim 12 wherein said user input device accesses a database of test data and configuration data to facilitate troubleshooting.

14. (Previously Presented) The system of claim 1 comprising an animation module for presenting to the user a visual operational animation of a configured material application system.

15. (Currently Amended) The system of claim 1 wherein a user accesses said ~~configuration program~~ configurator module through a secure customer specific Internet web site.

16. (Currently Amended) The system of claim 15 wherein said secure customer specific web site is accessed from a manufacturer's ~~manufacturing~~ site related public Internet web site.

17. (Previously Presented) The system of claim 15 wherein said secure customer specific Internet web site operates as a customer specific database site for a plurality of customer operations remote locations.

18. (Currently Amended) The system of claim 17 wherein said network ~~extranet~~ provides access to a public manufacturing site database of historical data for troubleshooting.

19. (Previously Presented) The system of claim 14 wherein said animation module illustrates spray patterns for selected material application system configurations, said animation module being interactive to permit a user to make configuration changes and visually observe corresponding spray pattern changes.

20. (Previously Presented) The system of claim 18 wherein said animation module accepts modifications to material application system related parameters including spray gun position, system temperature or system pressure, and provides a visual animation to the user of system performance based on said modifications.

21. (New) A system for monitoring and configuring a material application system of the type that uses different material application components including an application device such as a gun and a material delivery device such as a pump, the system comprising:

a user input device remotely located from a manufacturer's site for the system, the manufacturer's site being a site from which material application components including guns and pumps for a material application system may be ordered, purchased or manufactured;

one or more customer sites each having at least one respective material application system thereat, said customer site being remotely located from said manufacturer's site;

a manufacturer's database that is accessible over a communication network; a customer specific database that is accessible by said user input device over said network; wherein manufacturer system users at said manufacturer's site and customer system users at said customer's site have access to said customer specific database;

a configurator module accessible by said user input device via said network;

said configurator module presenting a menu of material application component selection options based on input data from said user input device; said input data comprising material application system criteria and at least a choice of first and second guns and first and second pumps; said configurator module verifying component compatibility to configure a valid material application system from said selected gun and pump material application components;

a database comprising information about a material application system at a customer site including configuration, material application components of the system, setup parameters, test data, repairs and modifications; said database being accessible for viewing and updating database records so that said database provides current and historical information about said material

application system, said database being accessible by a system user from said manufacturer's site and from said customer sites over said communication network.

22. (New) The system of claim 21 wherein said manufacturer's database comprises a manufacturer's intranet and said customer specific database comprises a customer specific extranet accessible through said manufacturer's intranet.